311th Human Systems Wing Commander's Intent

Human-operator performance and systems capabilities are fully integrated to maximize air and space power

***Our Vision*: An overwhelmingly effective warfighter through leading-edge human performance and global health**

The 31 medici nd to support the air expeditionary warrior through enhanced aerospace medicine knowledge, technology, and Human Systems Integration (HSI) so that systems will unleash human performance to maximize air and space power.

The Opportunity

• Humans are indispensable, key enablers that assure effective air and space power
• Advances in medicine, materials, knowledge, and technology present unprecedented opportunities to enhance human performance to support the Expeditionary Air Force

The Environment

• Warrior airmen face increased operations tempo, extended missions, information saturation, and asymmetric threats
• Advanced command and control, predictive battlespace awareness, and sensor-to-shooter time under ten minutes with integrated intelligence, surveillance, and reconnaissance require advanced decision support technologies
• Demands from modern weapon systems increase the challenge to integrate systems to support human cognitive and e riously threaten performance and place mission

The Strategy

• Pursue advances in techniques and technologies to allow unconstrained human operation in all threat environments
• Develop advanced surveillance and detection capabilities to provide force health protection and integrate medical intelligence into operational decision processes
• Achieve Air Force advocacy for robust support of the human in the weapon system--occupied or unoccupied
• Fully implement the HSI program to influence weapon systems design, amplify weapon system effectiveness, enhance system survivability, and reduce

We will commit resources an services, agencies, nations, h